

NCR-19-7384



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

RBW6305G11831-3G-01

Job Sheet 198082



Part No: RBW6305G11831-3G-01

Job Qty: 1 pcs

Part Name: Cross Bar



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 7/22/19

Job Tracking No:

Due Date: 9/20/19

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG RBW6305G11831-3G Rev. 2 IPP Rev. A 18.09.24 New Issue DP Verify DD

Ship Via:

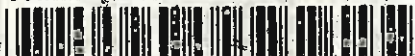
Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier	Sign-off
					Setup Hrs	Run Hrs		
110	NV5000 - 1	1 pcs	9/20/19	9/20/19	1.00	2.00	NV5000 - 1	ALA. / SBL
							NV5000 - 2	
120	QC 2	1 pcs	9/20/19	9/20/19	0.00	0.00	QC 2 - 1	ALA. / SBL
							QC 2 - 12	
							QC 2 - 14	
							QC 2 - 17	
							QC 2 - 19	
							QC 2 - 2	
							QC 2 - 20	
							QC 2 - 22	
							QC 2 - 23	
							QC 2 - 25	
							QC 2 - 32	
							QC 2 - 33	
							QC 2 - 35	
							QC 2 - 39	
							QC 2 - 4	
							QC 2 - 40	
							QC 2 - 44	
							QC 2 - 45	
							QC 2 - 48	
							QC 2 - 49	
							QC 2 - 50	
							QC 2 - 51	
							QC 2 - 52	
							QC 2 - 57	
							QC 2 - 62	
							QC 2 - 63	
							QC 2 - 8	
							QC 2 - 66	
							QC 2 - 64	



Container No: S202704



Part: RBW6305G11831-3G-01

Job No: 198082

Serial No/Batch: S202704

Revision: 2

Inspector:

Exp Date:

Instructions:

Date: 08/03/19

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

P.T.O.

Plex 7/22/19 11:35 AM Dart.lajeunesse.marie

130 QC 8	1 pcs	9/20/19	0.00 0.00	QC 2 - 65	
				QC 2 - 5	
				QC 2 - 71	
				QC 2 - 73	
				QC 2 - 69	
				QC 8 - 12	
				QC 8 - 14	
				QC 8 - 17	
				QC 8 - 20	
				QC 8 - 25	
				QC 8 - 3	
				QC 8 - 32	
				QC 8 - 33	
				QC 8 - 35	
				QC 8 - 39	
				QC 8 - 4	
				QC 8 - 44	
				QC 8 - 45	
				QC 8 - 49	JML 19/08/19
				QC 8 - 58	
				QC 8 - 8	
				QC 8 - 9	
				QC 8 - 68	
				QC 8 - 67	
				QC 8 - 1 (A)	
				QC 8 - 47	
				QC 8 - 40	
				QC 8 - 52	
				QC 8 - 23	
				QC 8 - 57	
150 Outsource - 13 - Zinc Plating	1 pcs	9/20/19	0.00 0.00	GR0002	2019-08-15
160 Packaging 2-1 - Receive - B4B	1 pcs	9/20/19	0.00 0.00	Packaging 2 - 1 - B4B	
3 pcs AR				Packaging 2 - 2 - B4B	
				Packaging 2 - 3 - B4B	
				Packaging 2 - 5 - B4B	AC AUG 20 2019
				Packaging 2 - 4 - B4B	
				Packaging 2 - 6 - B4B	
				Packaging 2 - 7 - B4B	
				Packaging 2 - 8 - B4B	
				Packaging 2 - 9 - B4B	
				Packaging 2 - 10 - B4B	
				Packaging 2 - 11 - B4B	
				Packaging 2 - 12 - B4B	
				Packaging 2 - 13 - B4B	
				Packaging 2 - 14 - B4B	
				Packaging 2 - 15 - B4B	
				Packaging 2 - 16 - B4B	
				Packaging 2 - 17 - B4B	
				Packaging 2 - 18 - B4B	
				Packaging 2 - 19 - B4B	
				Packaging 2 - 20 - B4B	
				Packaging 2 - 21 - B4B	
				Packaging 2 - 22 - B4B	
				Packaging 2 - 23 - B4B	
				Packaging 2 - 24 - B4B	
				Packaging 2 - 25 - B4B	
				Packaging 2 - 26 - B4B	
				Packaging 2 - 27 - B4B	
				Packaging 2 - 28 - B4B	

					Packaging 2 - 29 - B4B	
					Packaging 2 - 30 - B4B	
					Packaging 2 - 31 - B4B	
					Packaging 2 - 32 - B4B	
					Packaging 2 - 33 - B4B	
					Packaging 2 - 34 - B4B	
					Packaging 2 - 35 - B4B	
					Packaging 2 - 36 - B4B	
170 QC 6	1 pcs	9/20/19	0.00 0.00		QC 6 - 9	
					QC 6 - 68	
					QC 6 - 61	DAS
					QC 6 - 40	81
					QC 6 - 81	9-89
180 Packaging 3-1 - Stock - B4B	1 pcs	9/20/19	0.00 0.00		Packaging 3 - 1 - B4B	
					Packaging 3 - 2 - B4B	
					Packaging 3 - 3 - B4B	
					Packaging 3 - 4 - B4B	
					Packaging 3 - 5 - B4B	DAS
					Packaging 3 - 6 - B4B	28
					Packaging 3 - 7 - B4B	9-89
					Packaging 3 - 8 - B4B	
					Packaging 3 - 9 - B4B	
					Packaging 3 - 10 - B4B	
					Packaging 3 - 11 - B4B	
					Packaging 3 - 12 - B4B	
					Packaging 3 - 13 - B4B	
					Packaging 3 - 14 - B4B	
					Packaging 3 - 15 - B4B	
					Packaging 3 - 16 - B4B	
					Packaging 3 - 17 - B4B	
					Packaging 3 - 18 - B4B	
					Packaging 3 - 19 - B4B	
					Packaging 3 - 20 - B4B	
					Packaging 3 - 21 - B4B	
					Packaging 3 - 22 - B4B	
					Packaging 3 - 23 - B4B	
					Packaging 3 - 24 - B4B	
					Packaging 3 - 25 - B4B	
					Packaging 3 - 26 - B4B	
					Packaging 3 - 27 - B4B	
					Packaging 3 - 28 - B4B	
					Packaging 3 - 29 - B4B	
					Packaging 3 - 30 - B4B	
					Packaging 3 - 31 - B4B	
					Packaging 3 - 32 - B4B	
					Packaging 3 - 33 - B4B	
					Packaging 3 - 34 - B4B	
					Packaging 3 - 35 - B4B	
					Packaging 3 - 36 - B4B	
190 QC 21 - SA	1 pcs	9/20/19	0.00 0.00		QC 21 - SA - 21	
					QC 21 - SA - 70	
					QC 21 - SA - 53	

Part Op 110 - NV5000-1 (MORI SEIKI VERTICAL MACHINE #1) 1-Machine as per folio FC378 FOLIO REV: AA DWG
 Descriptions: REV: 2 2-Debur
 120 - (QC2- Inspect parts off machine FAI/FAIB)
 130 - (QC8- Inspect parts - second check) Engrave T/N and/or P/N number using MARKTRONIC engraver as per DWG.
 150 - (Outside Processing - Zinc Plating) -Issue P/O to GROUPE ALTECH: P/O 44273 -Zinc plate, ASTM B633
 TYPE 2 SC2 -Color; yellow -Material type; 4140 -Certificate of Conformity is required
 160 - (Receive & Inspect for Damage & Mat'l Certs)
 170 - (QC6- All purchased or subcontracted products)

7/22/2019

[Dart Hawkesbury] Job Sheet - Lajeunesse, Marie

180 - (Identify as per dwg & Stock Location: _____)
190 - (QC21- Final Inspection - Work Order Release)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M1018B1.000X1.000	1010-1025 Steel Bar 1.000 X 1.000	.5640 ft (.564 ea)	110-NV5000 - 1	S048GG1

cut
3.490'**Job Allocations**

Operation	Component Part	Required	Inventory	Allocated
110-NV5000 - 1	M1018B1.000X1.000	1	11	0

Part Specifications

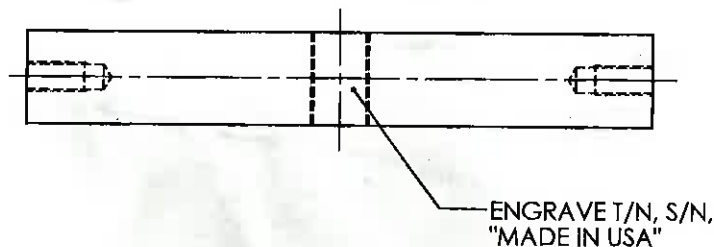
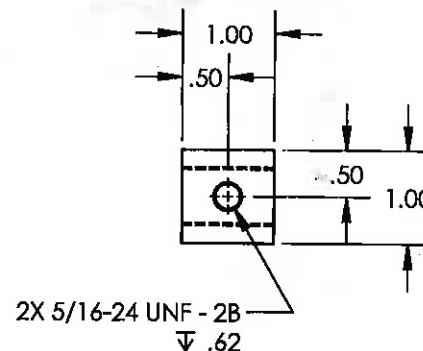
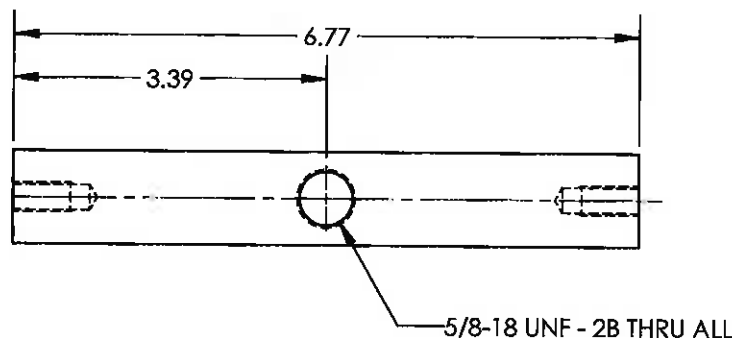
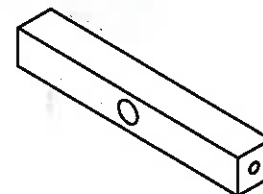
Specifications could not be found.

Plex 7/22/19 11:35 AM Dart.lajeunesse.marie

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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
A		CH'D -01 FINISH SPEC AND ADDED ENGRAVE NOTE PER R.W.	5/4/2011	RJC

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO CHANGE
WITHOUT NOTICE
WORK ORDER
NO. 198082 ML5
1907-22



(-01)
CROSS BAR

DART AEROSPACE	
TITLE PULLER, MGB INPUT GIMBAL REMOVAL	
DWG NO. RBW6305G11831-3G-01	REV 2
MAT'L 1018/1020	DRAWN BY: PERRITT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D. Weil</i>
.XXX ± .005 .XX ± .01 .X ± .1	HEAT TREAT FINISH CAD PLATE YELLOW
1. BREAK ALL SHARP EDGES .015 x 45° OR .018R	SPEC QQ-P-418F, TYPE II, CLASS II
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL AGUSTA
SCALE 1:2	DATE 5/11/2010
SHEET 2 OF 6	



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB044273



Supplier: GRO002-VC
Group Altech
2455 Halpern
St Laurent
QC
H4S 1N9 Canada
Phone: 514-335-3666
Fax: 514-335-3868

Attention: Grenon, Sylvie

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB044273

PO Date: 8/15/19

Due Date: 8/23/19

**Purchase Order
Revision:**

Revision Date:

Ship-To Contact: Guerin, Kimberley
Phone: 613-632-5200 Ext: 298
kguerin@dartaero.com

Via: Ground
Pynt Terms: Net 60

Freight Terms:

Special Comments:

E-MAILED
2019-08-16

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	198225	RBE1X56-136-393-1	Washer - Issue P/O - Zinc plate, ASTM B633 TYPE 1 SC2 - Color: Clear - Material type: 4140 - Certificate of Conformity is required	Firmed	-	8/23/19	10 pcs	0 pcs	10 pcs	\$9.00/pcs	\$90.00
2	198082	RBW6305G11831-3G-01	Cross Bar (Outside Processing - Zinc Plating) - Issue P/O to GROUPE ALTECH: P/O - Zinc plate, ASTM B633 TYPE 2 SC2 - Color: yellow - Material type: 4140 - Certificate of Conformity is required	Firmed	-	8/23/19	6 pcs	0 pcs	6 pcs	\$15.00/pcs	\$90.00
Grand Total:										\$180.00	

10X AUG 19 2019 AC

5204503

3X AUG 19 2019 AC

5202704



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (813) 632-5200

PURCHASE ORDER

POHB044273



Order Notes

Procurement Quality Clauses

- A005 right of entry
- A012 chemical and physical test report
- A016 personnel qualification
- A017 raw material identification (as applicable)
- A022 Apical Processing
- A024 process certifications
- A026 certification of material conformance
- A041 quality management system
- A042 dart notification by supplier
- A043 retension of quality documents
- A048 counterfeit parts avoidance, detection, mitigation and disposition program
- A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 8/16/19 10:07 AM Dart.Guerin.Kimberley



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **POHB044273**



Supplier: GRO002-VC
Group Altech
2455 Halpern
St Laurent
QC
H4S 1N9 Canada
Phone: 514-335-3666
Fax: 514-335-3868

Attention: Grenon, Sylvie

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB044273

PO Date: 8/15/19

Due Date: 8/23/19

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Guerin, Kimberley
Phone: 613-632-5200 Ext: 298
kguerin@dartaero.com

Via: Ground

Pymt Terms: Net 60

Freight Terms:

Special Comments:

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	198225	RBE1X56-136-393-1	Washer -Issue P/O -Zinc plate, ASTM B633 TYPE 1 SC2 -Color; Clear -Material type; 4140 -Certificate of Conformity is required	Received	-	8/23/19	10 pcs	10 pcs	0 pcs	\$9.00/pcs	\$0.00
2	198082	RBW6305G11831-3G-01	Cross Bar (Outside Processing - Zinc Plating) -Issue P/O to GROUPE ALTECH: P/O -Zinc plate, ASTM B633 TYPE 2 SC2 -Color; yellow -Material type; 4140 -Certificate of Conformity is required	Firmed	-	8/23/19	3 pcs	0 pcs	3 pcs	\$30.00/pcs	\$90.00
Grand Total:											\$90.00

3x AUG 20 2019



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K6A 1K7
Canada

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PURCHASE ORDER
POHB044273



Order Notes

Procurement Quality Clauses

A005 right of entry
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A016 personnel qualification
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Plex 8/19/19 4:21 PM Dart.Guerin.Kimberley



Certificat de Conformité / Certificate of Compliance

(021599-1)

2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9
 Tel: 514-335-3666 Fax: 514-335-3868
 www.groupaltech.com

Bon de Livraison / Packing Slip

021599 - 1

Livré à / Ship to

DART AEROSPACE LTD

1270 ABERDEEN STREET

HAWKESBURY, ON, K6A1K7

CANADA

Tel.: 613-632-5200 Fax.:

Client / Customer:

DART AEROSPACE LTD

1270 ABERDEEN STREET

HAWKESBURY, ON, K6A1K7

CANADA

BUYER:

Date expédition Ship date		Créé Par Generated By	Transport / No de Compte Courier / Acc. No.	Bon de commande Client Customer Purchase Order No				
19-Aug-2019		Jigar Patel		POHB044273 ✓				
#Ligne Line#	No. de Série / # Pièce Part Number / Line Item Details Job # / Ref #	Description pièce(s)	CATG U/M	Comm. /Ordered	Exp/ Shipped	Qté NC/ NC Qty	Qté Scrap/	À venir / Back Order
1	RBE1X56-136-393-1 ✓ Rev.	RBE1X56-136-393-1 01 -ZINC-CLEAR TRI [ZINC CLEAR TRIVALENT] 24 HRS ASTM B633 TYPE 1 SC2	ZINC CH	10	10 ✓	0	0	0
2	RBW6305G11831-3G-01 ✓ Rev.	RBW6305G11831-3G-01 01 -ZINC-YELLOW TRI ASTM [ZINC-YELLOW TRIVALENT ASTM] ASTM B633 TYPE 2 SC2	ZINC CH	3	3 ✓	0	0	0

 DAS
 81
 9-89

RECEIVED
 AUG 19 2019
 DART AEROSPACE LTD.

Notes Additionnelles / Additional Notes

Epaisseur réelle
Actual Thickness
Inspecteur Qualité
Quality Inspector
Réçu par
Received By

JF JAP

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.
 Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.
 Our financial and legal responsibility will not be higher than the amount of invoice.



Oct 3/19.

DART
AEROSPACE

Route update only

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev J